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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/790,404	
	Filing Date	March 1, 2004	
	First Named Inventor	Richard Andrew Holland	
	Art Unit		
	Examiner Name		
Total Number of Pages in This Submission	413	Attorney Docket Number	120478

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Livinia N. Jones, Esq. McQuaide Blasko 811 University Drive, State College, PA 16801
Signature	<i>L. Jones</i>
Date	June 7, 2004

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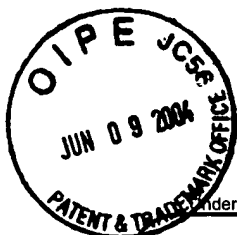
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/790,404		
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		Art Unit			
		Examiner Name			
Sheet	1	of	2	Attorney Docket Number	120478

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Analytic Reductions for Transmission and Leakage Probabilities in Finite Tubes and Hexahedra, 104 Nucl. Sci. & Eng., 209-216 (1990)	
		A Transport Method for Treating Three Dimensional Lattices of Heterogeneous Cells, 101 Nucl. Sci. & Eng., 217-225 (1989)	
		J. KARKKAINEN & E. UKKONEN, Two- and Higher-Dimensional Pattern Matching in Optimal Expected Time, 29 SIAM J. COMPUT., 571-589 (1999)	
		R. BELMAN, G.M. WING, An Introduction to Invariant Imbedding, R. Belman, SIAM (1992) ISBN 0-89871-304-8	
		A. SHIMIZU, Development of Angular Eigenvalue Method for Radiation Transport Problems, 37 J. Nuclear Science and Technology, 15-25 (2000)	
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		STERNICK et al., The Theory & Practice of Intensity Modulated Radiation Therapy, Advanced Medical Publishing, 37-49 (1997)	
		Y. NIEVERGELT, Wavelets Made Easy, Birkhauser (1999) ISBN 0-8176-4061	
		P.R. BEVINGTON, Data Reduction and Error Analysis for the Physical Sciences, page 153, McGraw Hill Book Company, (1969) Library of Congress Catalogue number 69-16942	
		R.D. LAWRENCE and J.J. DORNING, A Nodal Green's Function Method for Multidimensional Diffusion Calculations, Nuclear Science and Engineering 76, 218-231 (1980)	

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		Examiner Name	
Sheet	2	of	2
		Attorney Docket Number	120478

NON PATENT LITERATURE DOCUMENTS			
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		F.C. LOCKWOOD and N.G. SHAH, A New Radiation Solution Method for Incorporation in General Combustion Prediction Procedures, Imperial College of Science and Technology, London.	
		E. CASHWELL & C. EVERETT, The Practical Manual on the Monte Carlo Method for Random Walk Problems, Pergamon Press (1959). [OUT OF PRINT]	
		K. KOBAYASHI, et al. 3D Radiation Transport Benchmark Problems and Results for Simple Geometries with Void Region. Progress in Nuclear Engineering, Vol. 39, No. 2, pp. 119-144, 2001.	

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